

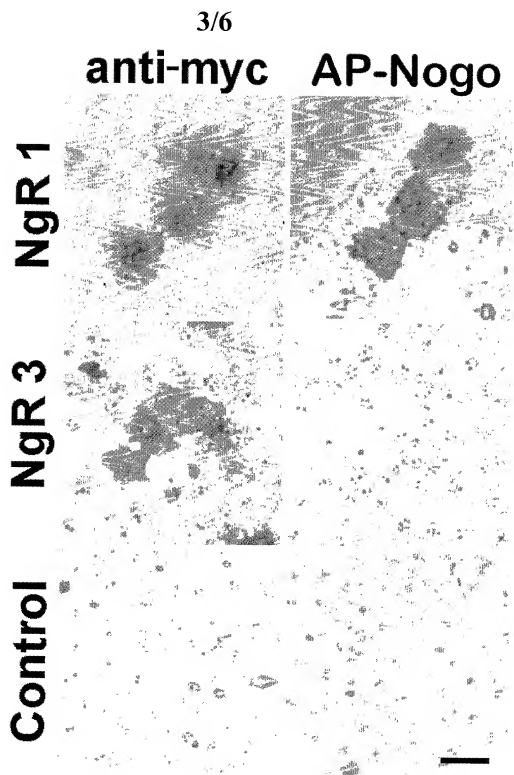
FIG. 1A

NOGO-R2	1	~~~~~MLPG	LRLLQAPAS	AC..LLLM	LA..LP	LAA	SCPMLCTCYS	50
NOGO-R3		MSWGGTTVT	QSPVQAAQVS	GCCVLLHLL	LABELPLGG	GCP	RDVCVCP	
NOGO-R1		~~~~~	~~~~~MKRAS	AGGSRLLAW	LWLQAWQVAA	PCP	GACVCYN	
Consensus		~~~~~	~~~~~S	~~~~~LL	~~~~~L	~~~~~	~~~~~CP-C-CY-	
NOGO-R2	51	SP.PTVSCQA	NNFSSVPLSL	PPSTQRFLQ	NNLIRTLRPG	TFGS..	NNLT	100
NOGO-R3		AP.MTVSCQA	HNFAAIPEGI	PEDSERIFLQ	NNRITFLQOG	HFSP..	AMVT	
NOGO-R1		EPKVTTSCPQ	QGLQAVPGI	PAASQIRIFLH	GNRISHVPA	SFRAC	RNLTI	
Consensus		-P--T-SC--	-----P----	P-----R-FL-	-N-I-----	-F-----		
NOGO-R2	101	LWLFSNNLST	IYPGTFRHLQ	ALEELDLDGN	RHLRSLEPDT	FOGLERLQSL		150
NOGO-R3		LWYSNNITF	IAPNTFEGFV	HLEELDLDGN	QRLTLAPET	FQGLVKLHAL		
NOGO-R1		LWLHNNVLAR	IDAAFTGLA	LLEQLDSDN	AQLRSVDPAT	FHGLRLHTL		
Consensus		LW--SN----	I-----F----	-LE-LDL-DN	--LR---P-T	F-GL--L--L		
NOGO-R2	151	HLRCQISSL	PGNIERGLVS	LQYLYLQENS	LLHLQDDLFA	DIANLSHLFL		200
NOGO-R3		YLYKGLSAL	PAGIFGLHS	LQYLYLQDNH	IEYLQDDIFV	DLVNLSHLFL		
NOGO-R1		HLDRCLQEL	GPGLERGLAA	LQYLYLQDNA	LQALPDDTFR	DLGNLTHLFL		
Consensus		-L--C-L--L	----F-GL--	LQYLYLQ-N-	---L-DD-F-	DL-NL-HLFL		
NOGO-R2	201	HGNRLRLTE	HVFRGLGSLD	RLLLHGNRLQ	GVHRAAFRGL	SRLLTIYLFN		250
NOGO-R3		HGNKLWSLQ	GI FRGLVNLD	RLLLHENQLQ	WVHHKAFHDL	HLRTTLFLFN		
NOGO-R1		HGNRTSSVPE	RAFRLHSLD	RLLLHQNRVA	HVHPAFRDL	GRIMTYLYFA		
Consensus		HGN-----	--FRGL--LD	RLLLH-N---	-VH--AF--L	-RL--L-LF-		

**FIG. 1B**

[illegible]

FIG. 2



1	5
Human NOGO-R1	~~~~~MKRASA GGSRLLAWL WLQAWVAAP CPGACVCVNE
Murine NOGO-R1	~~~~~MKRASS GGSRLLAWL WLQAWVAATP CPGACVCVNE
Human NOGO-R3	MSMQSGTIVT QSPVQAAQVS GGCVELLLLL LAGELPLGG CPROCVCPA
Human NOGO-R3	~~~~~MLPGLLRLUQ APASACILLM LLALPLAAPS CPMLCCTCYSS
Human NOGO-R2	~~~~~
Consensus	~~~~~ LRR 1 ~~~~~ CP-C-CV- -
51	LRR NT 100
Human NOGO-R1	PKVTSQPOQ GLQAVPVGIP AASORIFLHG NRISHVPAAS FRACNUTIL
Murine NOGO-R1	PKVTSQPOQ GLQAVPTGIP ASSORIFLHG NRISHVPAAS FQSCNLTIL
Human NOGO-R3	P.MTVSCQAH NFAAIPEGIP EDSERIFLQN NRITFLQGH FSP..AMVTL
Human NOGO-R3	~~~~~EGIP VDSERVFLOQ NRIGLLQPGH FSP..AMVTL
Human NOGO-R2	P.FTVSCQAN NFSSVPISLP PSTQRFLQON NIURILRPGT FGS..NLTLL
Consensus	P--T-SC-- ----P---P ----R-FL- N-I-----F-----L
101	LRR 2 LRR 3 150
Human NOGO-R1	WLHSNVIARI DAAATETGIAL LEQLDLSDNA QURSDVPATF HGLGRHLTLH
Murine NOGO-R1	WLHSNALARI DAAATFGTLT LEQLDLSDNA QLHVVDPTTF HGLGHLTLH
Human NOGO-R3	WIYNNITIT APNTEFGEVH LEELDLDGDNR QURTLAPTTF QGLVKUHALY
Human NOGO-R3	WIYNNITITV YPSTFEGEVA LEELDLDGDNR QURTLAPTTF QGLVKUHALY
Human NOGO-R2	WLFSNNLSIT FGFTRHQLQ LEELDLDGDNR HURSLRPTTF QGLFRQLSLH
Consensus	W--SN---I ----F-----LE-LDI-DN- -J-----P-TF -J--J-
151	LRR 4 LRR 5 200
Human NOGO-R1	LDRCGQLQELG PGLFEGUAL QYLYLOQNAL QALPDDTFRD LGNLTFLHLH
Murine NOGO-R1	LDRCGIREUG PGLFRGUAL QYLYLOQNAL QALPDDTFRD LGNLTFLHLH
Human NOGO-R3	LYKCGLSALP AGIFGGLHSL QYLYLOQDNI EYLQDDIEVD LVNLSHFLH
Human NOGO-R3	LYKCGLSALP AGVFGGHLSL QYLYLOQDNI EYLQDDIEVD LVNLSHFLH
Human NOGO-R2	LYRCQLSLSP GNIFRGLVSL QYLYLOQNSL LHIQDDIEAD LANLSHLFLH
Consensus	L--C-J--J- ---F-GU--L QYLYLOQ-N- --L-D--F-D L-NL-HLFLH

5/6

FIG. 3, cont.

	LRR 6	LRR 7	250
Human NOGO-R1	GNRISSVPER	AFRGLHSLDR	LLIHQNRVAH VHPHAFRDIG
Murine NOGO-R1	GKRIPSVPEH	AFRGLHSLDR	LLIHQNHVAR VHPHAFRDIG
Murine NOGO-R3	GKRLWSILGQG	IFRGLVNLDR	LLIHENQIQW VHKAFHDLH
Human NOGO-R3	GKRLWSILGPG	TFRGLVNLDR	LLIHENQIQW VHKAFHDLH
Human NOGO-R2	GNRLRLTEH	VERGLGSLDR	LLIHGNRLQG VHRAAFRLGS
Consensus	GN-----	-FRGL-LDR	LLIH-N-----VH--AF--L-LR--L-LF-N
	LRR 8		LRR CT
	251		300
Human NOGO-R1	NTSALPTEAL	APLRALOYLR	INDNPWVDCD RARELWAWLQ
Murine NOGO-R1	NTSLPAEVL	MPLRSIQYLR	INDNPWVDCD RARELWAWLQ
Murine NOGO-R3	SLTELOQDCL	APLVALEFLR	LNGNAWDGCG RARSLWEWLK
Human NOGO-R3	SLSELOQEC	APLGALEFLR	LNGNPWDCGC RARSLWEWLQ
Human NOGO-R2	SLASLPGEAL	ADLPSLEFLR	LNANPWADCDC RARELWAWFQ
Consensus	-L--L-----L	--L--L--L--LR	LN-N-W-C-C RAR-LW-W-- --R-SSS-V-
	301		350
Human NOGO-R1	CSLPQRLAGR	DLKRLAANDL	QGCATVATGPG HPIWTGRATD
Murine NOGO-R1	CNLPQRLADR	DLKRLAASDL	EGCAVAGPFF RPIQTSQITD
Murine NOGO-R3	CATPELRQGG	DLKLLRVEDF	RNCTGPVSP. HQIKSHLTIT
Human NOGO-R3	CYSPGLRHGG	DLKLLRAEDF	RNCTGPASP. HQIKSHLTIT
Human NOGO-R2	CATPPERQGR	DLRALREADF	QACP. PAAP. TRPGSRA...
Consensus	C--P-----	DL--L--D- --C-----P-	..RGNSSSNH
	351		400
Human NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG DSPPGNGSGP
Murine NOGO-R1	QPDAAADKASV	LEPGRPASAG	NALKGRVPPG DTPPGNGSGP
Murine NOGO-R3	PSHGASRDKG	HPHGHPGGR	SGYK.....KAGKNCSTSH
Human NOGO-R3	SPHGTRSKG	HPH.....GPR	FGHR.....KEPKNCSTNP
Human NOGO-R2	.LYGVA.EAG	AP...PADPS	TLVR.....DLPA.....
Consensus	-----	-----	-----

6/6

FIG. 3, cont.

Human NOGO-R1	401	LPGSAEPPLT	AVRPEGSEPP	GF...PTSGP	RRRPGCSRKN	RTRSHCRLGQ	450
Murine NOGO-R1		LPSSAEPPLT	ALRPGGSEPP	GL...PTTGP	RRRPGCSRKN	RTRSHCRLGQ	
Murine NOGO-R3		.SGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKKGCAART	PIRAPSGVQQ	
Human NOGO-R3		.AGKQAPELP	DYAPDYQHKF	SFDIMPTARP	KRKKGCAART	PIRAPSGVQQ	
Human NOGO-R2		.QGGDAPTED	DYWGYY....	.....GGED	QRGEQMCPGA	ACQAPPD...	
Consensus		-----	-----	-----	-R-----	-----	
Human NOGO-R1	451	AGSGGGGTGD	SEGSALPSL	TCSLTPIGLA	LVLWTVIGPC		
Murine NOGO-R1		AGSGASGTGD	AESGALPAL	ACSLAPIGLA	LVLWTVIGPC		
Murine NOGO-R3		.....	..ASSGTALG	APLLAWITGL	AVTLR~~~~		
Human NOGO-R3		.....	..ASSASSLG	ASLLAWITGL	AVTLR~~~~		
Human NOGO-R2		.....	..SRGPALSA	GLPS PLLCL	LLLVPHHL~		
Consensus		-----	-----	-----	-----		

Putative GPI signals